

Use Attainability Analysis

for

WBID 3499 Trib to Muddy Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet A - Water Body Identification**

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WATER PROTECTION PROGRAM

|  |  |             |  |
|--|--|-------------|--|
| Water Body Name (from USGS 7.5' quad): | Tributary to Muddy Creek               |             |  |
| 8-digit HUC:                           | 10300103                               |             |  |
| Missouri WBID #:                       | 3499                                   |             |  |
| County:                                | Pettis                                 |             |  |
| Upstream Legal Description:            | Crystal Springs Rd.                    |             |  |
| Downstream Legal Description:          | Crystal Springs Rd.                    |             |  |
| Upstream Coordinates:                  | N 38.74799                             | W 093.39588 |  |
| Downstream Coordinates:                | N 38.74799                             | W 093.39577 |  |
| Discharger Facility Name(s):           | La Monte SE Lagoon / Roadway Mini-Mart |             |  |
| Discharger Permit Number(s):           | MO 0108081                             | MO 0114031  |  |
| Number of Sites Evaluated:             | 1                                      |             |  |
| Name of Surveyor and Telephone Number: | Aaron Bleibauer 816-622-7018           |             |  |
| Organization:                          | MONR                                   |             |  |
| Position:                              | Env. Specialist                        |             |  |



I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

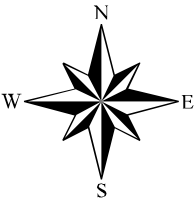
Signed: Aaron Bleibauer Date: 7-6-05

# Trib to Muddy Creek (C) #3499 Pettis County



## Legend

-  Roads
-  Classified Waterbodies



# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

|   |   |        |
|---|---|--------|
| Missouri WBID #: <b>3499-001</b>                      | Site Location Description: <b>Crystal Springs Rd Pottawatomie Co.</b> |        |
| Site GPS Coordinates: <b>N38.74797 W093.39546</b>     |   |        |
| Date & Time: <b>7.6.05 10:03 AM</b>                   | Facility Name: <b>Lamonte SE Lagoon / Reading Mini-Mart</b>           |        |
| Personnel: <b>Aaron Biehn</b>                         | Permit Number: <b>MO 0108081 / MO 0114031</b>                         |        |
| Current Weather Conditions: <b>Partly Cloudy 80°F</b> | Weather Conditions for Past 7 days: <b>1/2 inch of rain</b>           |        |
| Photo Ids: Upstream: <b>1-3</b>                       | Downstream: <b>4-6</b>  | Other: |

### Uses Observed\*:

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Nearby farm  
Days wading in creek  
Heavily wooded on east side of road.**

### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |   |   |   |   |
|--|---|---|---|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds      | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas  | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks      | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails  | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input checked="" type="checkbox"/> Fence | <input type="checkbox"/> Steep slopes           | <input checked="" type="checkbox"/> Other: <b>Farm, pasture, wooded areas</b> |   |

### Evidence of Human Use\*:

|  |  |  |   |  |
|--|--|--|---|--|
| <input checked="" type="checkbox"/> Roads  | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings   | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input checked="" type="checkbox"/> Other: <b>Surrounded by fence - private property</b> |  |  |   |  |

### Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

Page Two - WBID # 3419-001

### Stream Morphology:

#### Upstream View Physical Dimensions:

|   |   |  |                              |                              |
|---|---|--|------------------------------|------------------------------|
| <input type="checkbox"/> Riffle         | Width (ft):   | Length (ft):   | Avg. Depth (ft):             | Max. Depth (ft):             |
| <input checked="" type="checkbox"/> Run | Width (ft): <u>21</u>   | Length (ft): <u>100</u>  | Avg. Depth (ft): <u>1 ft</u> | Max. Depth (ft): <u>2 ft</u> |
| <input type="checkbox"/> Pool           | Width (ft):   | Length (ft):   | Avg. Depth (ft):             | Max. Depth (ft):             |
| <input type="checkbox"/> Flow Present?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): <u>Too slow to calculate</u> |                              |                              |

#### Downstream View Physical Dimensions:

|   |   |  |                                |                              |
|---|---|--|--------------------------------|------------------------------|
| <input type="checkbox"/> Riffle         | Width (ft):   | Length (ft):   | Avg. Depth (ft):               | Max. Depth (ft):             |
| <input checked="" type="checkbox"/> Run | Width (ft): <u>18</u>   | Length (ft): <u>75</u>   | Avg. Depth (ft): <u>1.5 ft</u> | Max. Depth (ft): <u>2 ft</u> |
| <input type="checkbox"/> Pool           | Width (ft):   | Length (ft): <u>7</u>  | Avg. Depth (ft):               | Max. Depth (ft):             |
| <input type="checkbox"/> Flow Present?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): <u>Too slow to calculate</u> |                                |                              |

### Substrate\*: (These values should add up to 100%.)

|                    |                    |        |                  |            |           |
|--------------------|--------------------|--------|------------------|------------|-----------|
| <u>50</u> % Cobble | <u>20</u> % Gravel | % Sand | <u>30</u> % Silt | % Mud/Clay | % Bedrock |
|--------------------|--------------------|--------|------------------|------------|-----------|

### Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site)

|                  |
|------------------|
| <u>10% algae</u> |
|------------------|

### Water Characteristics\*: (Mark all that apply.)

|                  |                                 |   |  |  |   |
|------------------|---------------------------------|---|--|--|---|
| Odor:            | <input type="checkbox"/> Sewage | <input type="checkbox"/> Musky            | <input type="checkbox"/> Chemical                  | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other:   |
| Color:           | <input type="checkbox"/> Clear  | <input checked="" type="checkbox"/> Green | <input type="checkbox"/> Gray                      | <input type="checkbox"/> Milky           | <input checked="" type="checkbox"/> Other: <u>Muddy - due to logs disturbing the bottom</u> |
| Bottom Deposit:  | <input type="checkbox"/> Sludge | <input type="checkbox"/> Solids           | <input checked="" type="checkbox"/> Fine sediments | <input type="checkbox"/> None            | <input type="checkbox"/> Other:   |
| Surface Deposit: | <input type="checkbox"/> Oil    | <input type="checkbox"/> Scum             | <input type="checkbox"/> Foam                      | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other:   |

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

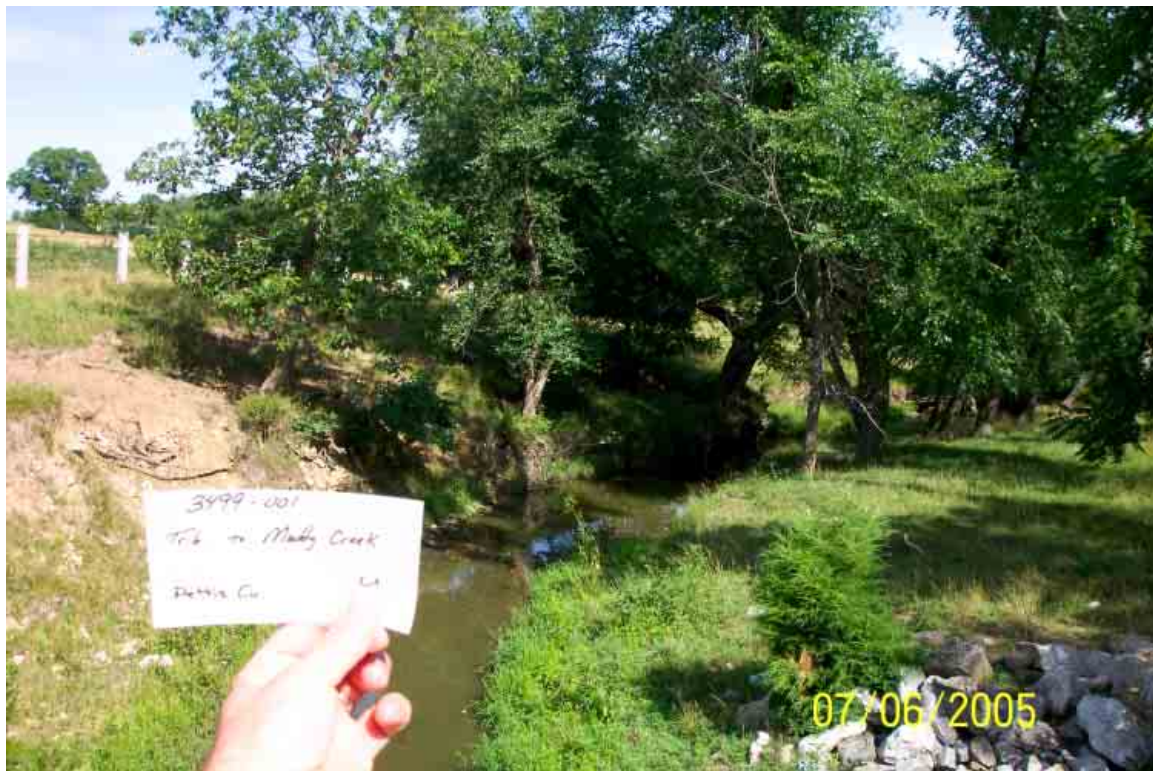
**I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.**

Signed: Ron Black Date: 7.6.05

Organization: MONK Position: Environmental Specialist



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